INDUSTRIAL GUEST LECTURE ON 'ANALYZE THE FLUID FLOW PHENOMENA USING CFD'

Event No	ME002
Organizing Department	Mechanical Engineering
Associate Dept. | NSC	Mechanical Engineering
Date	18/11/2023
Time	09:30 AM to 11:00 AM
Event Type	Guest Lecture
Event Level	Dept. Level
Meeting Medium	
Meeting Link	https://meet.google.com/yga-zbri-quu
Total Participants	91
Faculty - Internal	46
Students - Internal	45

Related SDG

Resource Persons

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Bharathwaaj Ramani	Senior Design Engineer	Creative Synergies Consultancy India Private Limited, Bangalore	Bharathwaaj.r@global-csg.com	xxxxxxxxxx

Involved Staffs

Sl	Name	Role
1	Manoj Kumar P	Coordinator

Outcome

The students can be able to explain the method of solving fluid flow problems using CFD

Event Summary

The industrial guest lecture on 'ANALYZE THE FLUID FLOW PHENOMENA USING CFD' has been organized by the Department of Mechanical Engineering on November 18, 2023, between 9.30 a.m. and 11 a.m. through google meet. Mr. Bharathwaaj Ramani, Senior Design Engineer, Creative Synergies Consultancy India (P) Limited, Bangalore, has consented to be the guest speaker. The students are assembled in the II Mech Classroom and connected through Google Meet. Dr. P. Manoj Kumar, Associate Professor, Mechanical Engineering, welcomed the gathering and introduced the guest speaker to the gathering. The guest lecture is conducted to complement the students for the III semester subject 'Fluid Mechanics and Applications.' The guest speaker started the session by sharing his experience working with the tool Computational Fluid Dynamics (CFD). He shared the importance of learning CFD to solve real-time fluid flow and heat transfer problems. He explained the steps to be followed to solve complex engineering fluid flow problems using CFD with an example. He narrated about the underlying theory of CFD and the fundamental equations involved in CFD. The session was very useful for the students to understand the importance of CFD and the fundamentals behind the CFD solver. The guest speaker diligently answered all the questions raised by the students. Then, the session was concluded with the vote of thanks.

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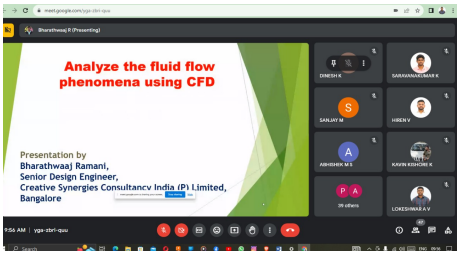

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